

Table xx - Strategy Summary Table

| Resource Management Strategies                         | Water Management Objectives   |                              |                       |                              |                      |                        |                 |                            |                     | Cumulative Cost of Option by 2030 (\$ Billion)<br><br>See narratives for backup |
|--|---|------------------------------|-----------------------|------------------------------|----------------------|------------------------|-----------------|----------------------------|---------------------|---|
|  | Provide Water Supply Benefit  | Improve Drought Preparedness | Improve Water Quality | Operational Flex & Efficient | Reduce Flood Impacts | Environmental Benefits | Energy Benefits | Recreational Opportunities | Reduce GW Overdraft |   |
| Demand Reduction                                       |   |                              |                       |                              |                      |                        |                 |                            |                     |   |
| Agricultural Water Use Efficiency                      | ●   | ●                            | ●                     | ●                            |                      | ●                      | ●               |                            | ●                   | 0.3 – 2.7   |
| Urban Water Use Efficiency                             | ●   | ●                            | ●                     | ●                            |                      | ●                      | ●               |                            |                     | In progress   |
| Operational Efficiency & Redistribution of Water       |   |                              |                       |                              |                      |                        |                 |                            |                     |   |
| Conveyance   | ●   | ●                            | ●                     | ●                            | ●                    | ●                      | ●               | ●                          | ●                   | 0.2 – 2.4   |
| System Reoperation                                     | ●   | ●                            | ●                     | ●                            | ●                    | ●                      |                 | ●                          |                     |   |
| Water Transfers  |   | ●                            | ●                     | ●                            |                      | ●                      |                 |                            |                     |   |
| Water Supply   |   |                              |                       |                              |                      |                        |                 |                            |                     |   |
| Conjunctive Management & Groundwater Storage           | ●   | ●                            | ●                     | ●                            | ●                    | ●                      |                 |                            | ●                   | 1.5 – 5.0   |
| Desalination – Brackish<br>-- Seawater                 | ●<br>●  | ●<br>●                       | ●<br>●                | ●<br>●                       |                      |                        |                 |                            | ●<br>●              | 0.2 – 1.6<br>0.7 – 1.3  |
| Precipitation Enhancement                              | ●   | ●                            |                       |                              |                      |                        | ●               |                            |                     | 0.2   |
| Recycled Municipal Water                               | ●   | ●                            | ●                     | ●                            |                      | ●                      | ●               | ●                          | ●                   | 6.0 – 9.0   |
| Surface Storage – CALFED                               | ●   | ●                            | ●                     | ●                            | ●                    | ●                      | ●               | ●                          | ●                   | 3.3 – 5.6   |
| Surface Storage – Regional/Local                       | ●   | ●                            | ●                     | ●                            | ●                    | ●                      |                 |                            | ●                   |   |
| Water Quality  |   |                              |                       |                              |                      |                        |                 |                            |                     |   |
| Drinking Water Treatment and Distribution              |   |                              | ●                     |                              |                      |                        |                 |                            |                     | 17.0 – 21.0   |
| Groundwater/Aquifer Remediation                        | ●   | ●                            | ●                     |                              |                      |                        |                 |                            | ●                   | 20.0  |
| Matching Quality to Water Use                          | ●   | ●                            | ●                     |                              |                      |                        |                 |                            |                     | 0.1   |
| Pollution Prevention                                   |   |                              | ●                     |                              |                      | ●                      |                 | ●                          |                     | 15.0  |
| Urban Runoff Management                                | ●   | ●                            | ●                     |                              | ●                    | ●                      |                 | ●                          | ●                   |   |
| Resource Stewardship                                   |   |                              |                       |                              |                      |                        |                 |                            |                     |   |
| Agricultural Lands Stewardship                         | ●   | ●                            | ●                     | ●                            | ●                    | ●                      | ●               | ●                          | ●                   | 5.3   |
| Economic Incentives (Loans, Grants, and Water Pricing) | ●   | ●                            | ●                     | ●                            |                      | ●                      |                 |                            | ●                   |   |
| Ecosystem Restoration                                  | ●   |                              |                       | ●                            | ●                    | ●                      |                 | ●                          |                     | 7.5 – 11.3  |
| Floodplain Management                                  |   |                              |                       | ●                            | ●                    | ●                      |                 | ●                          |                     | 0.5   |
| Recharge Areas Protection                              | ●   | ●                            | ●                     |                              | ●                    |                        |                 |                            | ●                   |   |
| Urban Land Use Management                              | ●   |                              | ●                     |                              | ●                    | ●                      |                 | ●                          | ●                   |   |
| Water-Dependent Recreation                             |   |                              |                       |                              |                      |                        |                 | ●                          |                     | 3 – 6% of total   |
| Watershed Management                                   | ●   | ●                            | ●                     |                              | ●                    | ●                      |                 |                            | ●                   | 0.5 – 3.6   |
| Other Resource Management Strategies                   | Objectives vary by strategy (see narratives in remainder of Volume 2) |                              |                       |                              |                      |                        |                 |                            |                     |   |

The following support activities are essential for successfully integrating packages of these resource management strategies. Compared with the costs of implementing the resource management strategies, the costs are relatively small for the essential support activities shown below (see Chapter 4 of Volume 1).

| Essential Support Activities to Integrate Strategies and Reduce Uncertainty |  |                 |
|---|--|-----------------|
| Regional Integrated Resource Planning & Management                          |  | 0.25            |
| Statewide Water Planning  |  | 0.12            |
| Data & Tool Improvement   |  | 0.25            |
| Research & Development  |  | 0.25            |
| Science   |  | 3 – 5% of total |